



IFW

PATENT
8007-1102

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Tetsuji HIRANO et al.

Application No. 10/561,519

Filed December 20, 2005

ACID-BASE MIXTURE AND ION CONDUCTOR
COMPRISING THE SAME

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

March 17, 2006

Sir:

In compliance with Rules 1.97 and 1.98, and in fulfillment of the duty of disclosure under Rule 1.56, the accompanying documents, copies of which are attached to this statement, are made of record on the enclosed sheet.

As the USPTO has waived the requirement under 37 CFR 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and patent publication for applications filed after June 30, 2003, copies of the cited U.S. references are not enclosed, as the present application is filed after June 30, 2003. Copies of the cited foreign patent documents and/or non-patent literature are enclosed.

A concise description of the relevance of these items is given on pages 1-3 of the present application.

Respectfully submitted,

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

 Attorney Docket No.:
8007-1102

 Application No.:
10/561,519

 Applicant:
Tetsuji HIRANO et al.

 Filing Date:
December 20, 2005

Group Art Unit:

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing date (if appropriate)
	3,356,645	12/05/1967	WARREN			
	6,120,696	09/19/2000	ARMAND et al.			
	6,264,857	07/24/2001	KREUER et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	JP 48-5900	01/25/1973	JAPAN (English translation of claim)				
	JP 57-190018	11/22/1982	JAPAN (with English abstract)				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Takashi KAMON et al., "The Curing of Epoxy Resins (VI) – The Curing of Epoxy Resins with Acid Salts of Imidazoles", Shikizai Kyokaishi, Journal of Japan Society of Colour Material, Vol. 50, No. 1, 1977, pp. 1-7.
	Ionsei EKITAI, Kaihatsu no Saizensen to Mirai, CMC Publishing Co., Ltd., February 1, 2003, pp. 28-31.
	The Journal of Physical Chemistry B, Vol. 107, No. 17, May 1, 2003, pp. 4024-4030.
	SUSAN et al., "Bronsted acid-base ionic liquids and their use as new materials for anhydrous proton conductors", Chem. Commun., 2003, pp. 938-939.
	SUSAN et al., "Development of New Materials to Realize Fast Proton Conductors under Anhydrous Condition", Proceedings of the 43 rd Battery Symposium in Japan, October 12, 2002, pp. 102-103.
	NAKAMOTO et al., "Novel Acid – Base Ionic Liquids for Anhydrous Proton Conductors", Proceedings of the 43 rd Battery Symposium in Japan, October 12, 2002, pp. 604-605.
	KREUER et al., "Imidazole and pyrazole-based proton conducting polymers and liquids", Electrochimica Acta, Vol. 43, Nos. 10-11, 1998, pp. 1281-1288.

EXAMINER:

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

* Abstract provided for the Examiner's convenience